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<u>)</u>	FROM UNIDENTIFIFF LY 5 O'JECT RESERVOIS
5	William Town and Market
	SOURCE
9 6	On file in CIA Library is an exploitation report on a metallic frament approximately 2"x2"x1", recovered near Kerekene, Republic of the Congo. The frament was recovered by ground search after a WO fell to earth in the area. The report concludes that the
D •	fragment was criginally part of an electrical component and was constructed of 0.010-inch thick silicon-steel laminate.
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7	C-O-N-F-7-DE-N-T-I-A-I
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plifteries of a metalic frames factoring in the Republic of the Agran France Midestified flying object exploded and fell to any ighting and receivery took place sometim beyon 10 and 15 October sighting and receivery took place sometime beyon 10 and 15 October States than a reported east-to-west direction of flight for the UTO. which the party of the second specific charvation and recovery details are lacking.

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(C) The fragment bers originally seems and sould be identified as a mate or store.

5. (c) Exercises, processes, dimensions, etc., as description of executive (country).

mains on heavy exide was in its and its and its and imparatives in the excess of 25.3 F. While there are no internations of impact, the profession of 25.3 F. While there are no internations of impact, the profession that the free was moving at a high velocity when it was hot. S. (C) Fabrication of the flow was an unlisted utilizing more.

2. (C) Fabrication of the flow was an unlisted utilizing more are less standard procedures for fabricating electric motor areatures.

Armstore laminates were stamped (purched) from approximately .012-inch sheet steel, copperplaced, and assembled on a mild steel sheir ener stem, copyety\_stem, and enemyles on a mile steel shall epyroximately .415 (nones in distance. Following assembly, the liming as were joined by solid-sintu or illiming-banding of the

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placing. This can be accomplished by tightly compacting the laminate assembly and heating in a furnance. Temperature required for booting of the copper depends upon the degree compact on an pressure; the higher pressures requiring proportion tely lover importance.

[2] (C) A cross-section (trress name to it sught of the specimen) is shown in Figure 3. The light-colornal, it alies are the edges of individual laminates, caused by earting a faith angle to, instead of parallel to, the laminates. As that if it interests are pecular are "" shaped. This shape is unear to help in rightly wire in place and is found on high RM motors. The melied condition of some of the found on high RM motors. The melied condition of some of the couter surface of the armsture shaft is servered to prevent axial.

elippage of the Indicates.

10. (C) The Ismination or streeting of individual Lacinates is clearly illustrated in Figure 5. The sp. -wetween lacinates on the fin at the top of the photograph is due - he melting and iforting of the copperplating during the high impure the invertee of the specimen. Some of the copper to be a remark to the fin at the arguments of the photograph. A process of the copper to be a remark to the fin at the arguments of the photograph. A process of the copper to be a remark to the fin at the arguments of the photograph. A process of the copper to be a remark to the fin at the arguments of the photograph. A process of the copper to be a remark to the fine of the speciment of the photograph. A process of the copper to be a remark to the copper to the copper to be a remark to the copper to

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intense hear and then cooled at a comparatively alow tate.

12. (C) The light material between the ordinations in Figure is placed copper that melted and flowed between the laminations when the entire specimen was hot. A photomicropy of this is shown in Figure 11.

(C) Analysis of the dair disclass he following:

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14. (C) Chemical composition of the steel laminations was as

fe follows:

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Partent Prasent (Selecte)

Silicon

Silicon

Chromium

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